

ABSTRACT OF THE DISCLOSURE

A positive active material for a rechargeable lithium battery is provided. The positive active material includes a core having a lithiated compound and at least two surface-treatment layers on the core, and each of the two surface-treatment layers includes at least one coating element. Alternatively, the positive active material includes at least one surface-treatment layer on the core, wherein the surface treatment at least comprises at least two coating element-included oxides.